

Steve Sisolak
Governor



Richard Whitley
Director

State of Nevada Department of Health and Human Services

Update Concerning the Status of COVID-19 in Nevada

Kyra Morgan, MS, State Biostatistician



11/05/2020

Helping people. It's who we are and what we do.



(intentionally left blank, for printing)



COVID-19 By The Numbers

COVID-19 (Coronavirus) in Nevada

For questions, please contact the DHHS Office of Analytics by emailing data@dhhs.nv.gov.

Data are as of 11/04/2020

Current Status indicators are summarized below. Due to reporting delay, testing measures are considered over a 14-day period with a 7-day lag. This means that the most recent 7-day period is not included in the evaluation period to account for data completeness. Daily new cases and deaths are displayed as 14-day moving averages. Cases and deaths per 100,000 are displayed for the most recent 30-day period and cumulatively. In the maps below, counties with higher rates are shaded darker.

Cases

679

14-day rolling average
cases daily

612

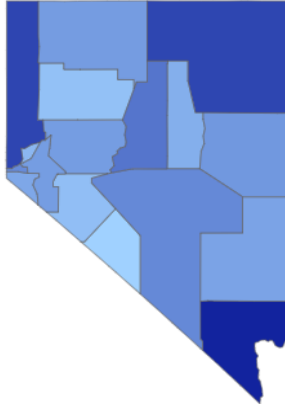
cases per 100,000
over the last 30 days

104,093

cumulative cases

3,194

cumulative cases per
100,000



Deaths

5

14-day rolling average
deaths daily

5

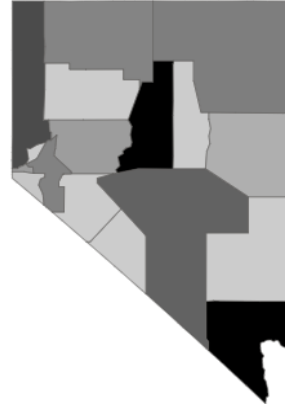
deaths per 100,000
over the last 30 days

1,814

cumulative deaths

58

cumulative deaths per
100,000



Testing

282

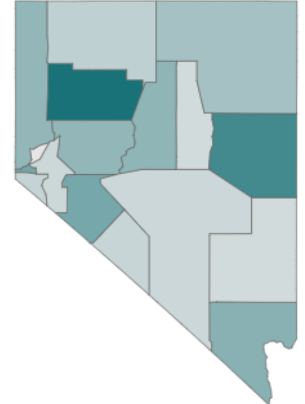
tests/day per 100,000
over the last 14 days

11.2%

test positivity rate
over the last 14 days

1,286,206

cumulative tests



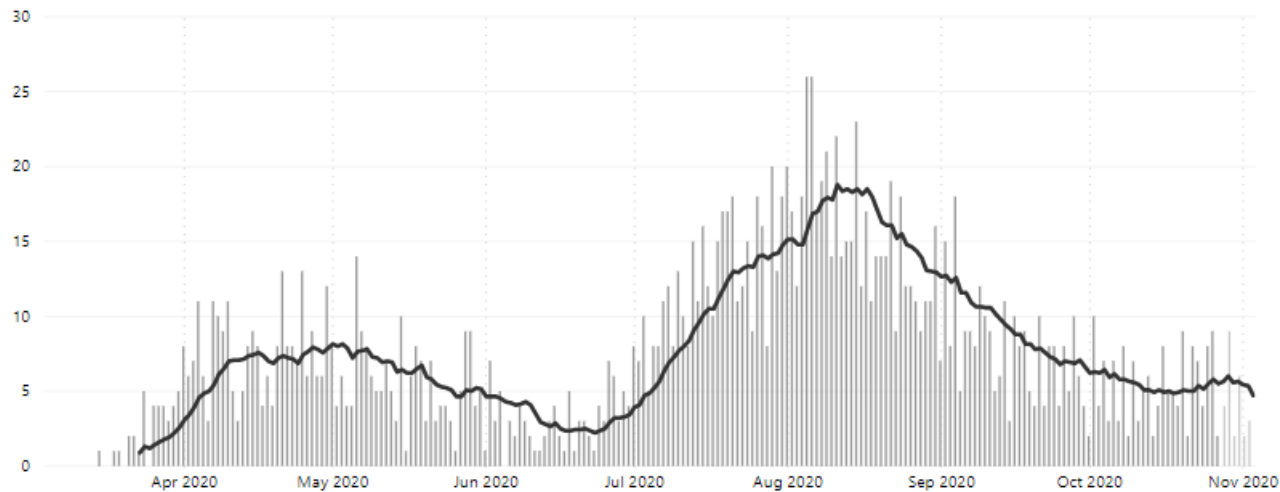
Nevada continues to see a significant increasing trend in new cases.
This increase has been taking place since mid-September.

COVID-19 By The Numbers

Daily New Cases, by Specimen Collection Date



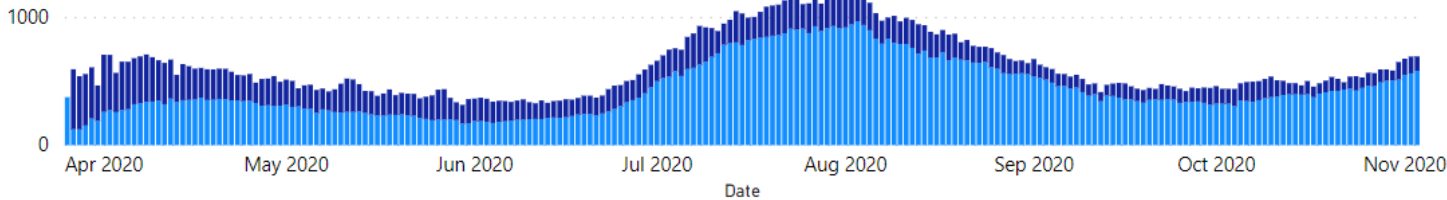
Daily Deaths



COVID-19 By The Numbers

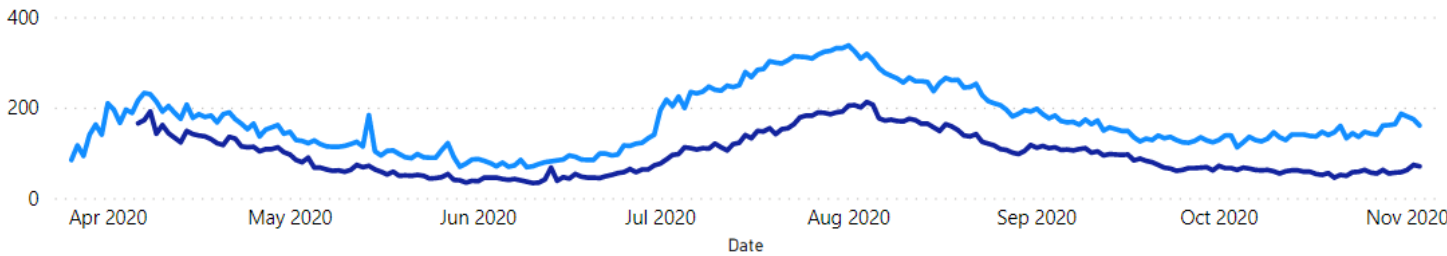
Confirmed and Suspected Hospitalizations

● Confirmed ● Suspected



Confirmed and Suspected Intensive Care Unit (ICU) and Ventilator Utilization

● Confirmed or Suspected COVID-19 in Intensive Care Unit (ICU) ● Confirmed or Suspected COVID-19 on Ventilator



Percent Change in Hospitalizations

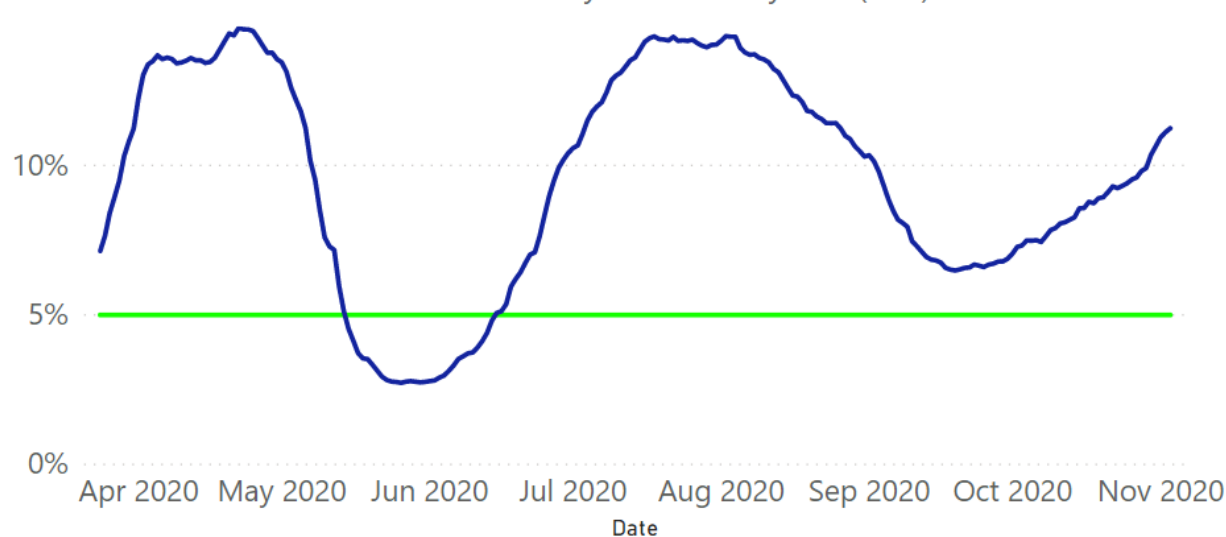
Date	Confirmed	Confirmed + Suspected
11/3/2020	3.6%	0.1%
11/2/2020	2.4%	2.5%
11/1/2020	7.0%	4.0%
10/31/2020	1.2%	11.5%
10/30/2020	0.6%	-1.5%
10/29/2020	2.6%	0.0%
10/28/2020	6.5%	5.1%
10/27/2020	-1.1%	-0.5%
10/26/2020	4.0%	7.0%
10/25/2020	4.9%	-1.8%
10/24/2020	-3.6%	0.6%
10/23/2020	1.8%	9.1%
10/22/2020	2.3%	-5.2%
10/21/2020	0.2%	-2.8%
10/20/2020	2.4%	5.7%
10/19/2020	2.7%	4.3%
10/18/2020	7.4%	5.7%
10/17/2020	-5.8%	-8.7%

Hospitalizations have been following a slow increasing trend for the last month, with 583 confirmed and an additional 113 suspected COVID-19 hospitalizations on 11/3.

COVID-19 By The Numbers

14-Day Test Positivity Rate and WHO Goal by Specimen Collection Date

● WHO Goal ● 14-Day Test Positivity Rate (new)



11.2%
test positivity rate
over the last 14 days

Percent Change

Date	14-day Test Positivity Rate	Percent Change
11/03	11.2%	1.2%
11/02	11.1%	1.6%
11/01	10.9%	2.8%
10/31	10.6%	2.8%
10/30	10.4%	4.4%
10/29	9.9%	1.0%
10/28	9.8%	2.2%
10/27	9.6%	0.7%
10/26	9.5%	1.3%
10/25	9.4%	0.9%
10/24	9.3%	0.8%
10/23	9.2%	-0.6%

Statewide positivity rates have been increasing since mid-September, at 11.2% for the current evaluation period.

COVID-19 Testing Turnaround

Median Time from Specimen Collection to Report, By County and Lab									
	CPL	LABCORP	NSPHL	Other	QUEST	RRMC	SOUTHERN	UMC	Total
Carson City	-	3	5	2	3	1	-	2	5
Churchill	-	2	5	4	5	1	-	1	5
Clark	3	2	7	2	3	1	2	2	2
Douglas	-	2	5	2	3	1	-	1	4
Elko	-	2	6	2	3	3	-	1	4
Esmeralda	-	4	-	2	5.5	1	2.5	1.5	2
Eureka	-	3	-	-	-	1	-	2	3
Humboldt	-	2	7	4	3	1	-	2	5
Lander	-	2	6	2	4	1	-	-	6
Lincoln	-	3	6	1	4	-	2.5	1	4
Lyon	-	2	6	2	3	1	-	2.5	2
Mineral	-	3	6	2	3	1	1	1	6
Nye	2.5	3	5	2	2	1	2	2	2
Pershing	-	3	6	1	6.5	1	-	1	6
Storey	-	2.5	3	2	4	1	-	-	3
Washoe	-	3	4	4	3	1	2	2	2
White Pine	-	2	10	1	-	1	1.5	2	9
Total	3	2	6	2	3	1	2	2	2

For specimens collected since October 1st, it has taken approximately 2 days after specimen collection for results to be reported.

Differences across different counties and laboratories are displayed in the table above.



COVID-19 County Tracker

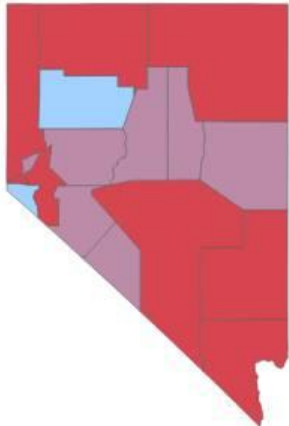
Data as of 10/26/2020

County Tracker: Nevada's counties are diverse in so many ways and have been impacted by COVID-19 differently. In order to ensure that each county is assessed for elevated disease transmission this tracker will be updated daily. Monday snapshots are used for discussion in COVID-19 Mitigation and Management Task Force meetings. **A county is flagged for elevated disease transmission if it meets two of the three criteria:**

1. Average number of tests per day (per 100,000) < 100. The average number of molecular tests conducted in the most recent complete two week period in a county, divided by the number of people living in the county. This number is then multiplied by 100,000 to control for varying populations in counties. Due to reporting delay, this is reported over a 14-day period with a 7-day lag. Counties that average fewer than 100 tests per day will meet this criterion.

2. Cases (per 100,000) > 200. The total number of cases diagnosed and reported over a 30-day period divided by the number of people living in the county. This number is then multiplied by 100,000 to control for varying populations in counties. Counties with a case rate greater than 200 per 100,000 will meet this criterion.

3. Cases (per 100,000) > 50 AND testing positivity > 8.0%. The total number of positive molecular tests divided by the total number of molecular tests conducted. This number is then multiplied by 100 to get a percentage. Due to reporting delay (which may be different between positive and negative tests), this is reported over a 14-day period with a 7-day lag. Counties with a test positivity > 8.0% paired with case rate greater than 50 per 100,000 will meet this criterion.

County	Average Number of Tests per Day per 100,000 (14-day average with 7-day lag)	Cases per 100,000 (last 30 days)	Test Positivity (14-day with 7-day lag)
			
Carson City	359	555	8.1%
Churchill	309	290	3.7%
Clark	248	490	9.2%
Douglas	109	197	6.9%
Elko	247	513	10.3%
Esmeralda	66	0	0.0%
Eureka	33	0	0.0%
Humboldt	109	211	12.3%
Lander	387	517	6.2%
Lincoln	184	346	13.4%
Lyon	124	276	8.2%
Mineral	160	241	7.8%
Nye	62	170	10.6%
Pershing	566	86	0.9%
Storey	48	67	3.3%
Washoe	296	612	9.1%
White Pine	244	406	5.5%

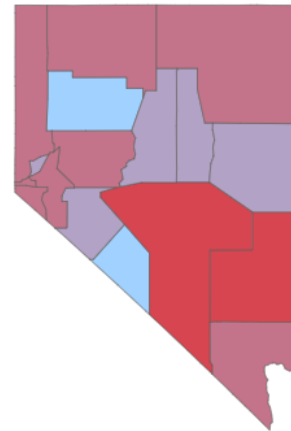
Map shading is based on the number of criteria met. Hover your cursor over a county to display more data.

COVID-19 County Tracker

Data as of 11/02/2020

County Tracker: Nevada's counties are diverse in so many ways and have been impacted by COVID-19 differently. In order to ensure that each county is assessed for elevated disease transmission this tracker will be updated daily. Monday snapshots are used for discussion in COVID-19 Mitigation and Management Task Force meetings. **A county is flagged for elevated disease transmission if it meets two of the three criteria:**

- 1. Average number of tests per day (per 100,000) < 100.** The average number of molecular tests conducted in the most recent complete two week period in a county, divided by the number of people living in the county. This number is then multiplied by 100,000 to control for varying populations in counties. Due to reporting delay, this is reported over a 14-day period with a 7-day lag. Counties that average fewer than 100 tests per day will meet this criterion.
- 2. Cases (per 100,000) > 200.** The total number of cases diagnosed and reported over a 30-day period divided by the number of people living in the county. This number is then multiplied by 100,000 to control for varying populations in counties. Counties with a case rate greater than 200 per 100,000 will meet this criterion.
- 3. Cases (per 100,000) > 50 AND testing positivity > 8.0%.** The total number of positive molecular tests divided by the total number of molecular tests conducted. This number is then multiplied by 100 to get a percentage. Due to reporting delay (which may be different between positive and negative tests), this is reported over a 14-day period with a 7-day lag. Counties with a test positivity > 8.0% paired with case rate greater than 50 per 100,000 will meet this criterion.



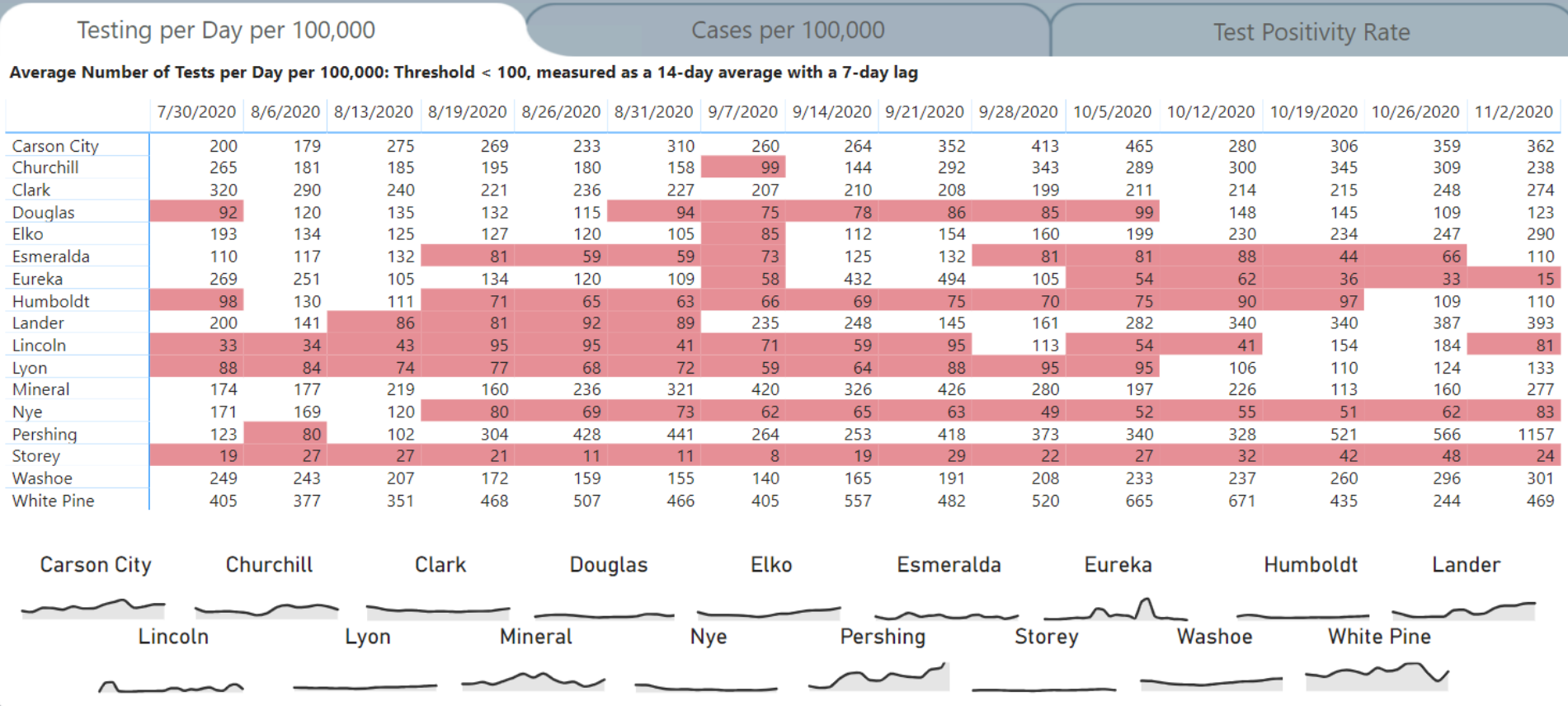
Map shading is based on the number of criteria met. Hover your cursor over a county to display more data.

County	Average Number of Tests per Day per 100,000 (14-day average with 7-day lag)	Cases per 100,000 (last 30 days)	Test Positivity (14-day with 7-day lag)
Carson City	384	822	9.6%
Churchill	276	618	8.5%
Clark	294	613	10.2%
Douglas	126	294	10.5%
Elko	286	738	10.3%
Esmeralda	139	0	0.0%
Eureka	65	102	5.6%
Humboldt	103	264	8.5%
Lander	347	450	5.5%
Lincoln	40	404	20.7%
Lyon	135	338	10.0%
Mineral	307	263	4.1%
Nye	93	272	15.5%
Pershing	1,269	72	0.2%
Storey	27	22	5.9%
Washoe	327	868	11.4%
White Pine	721	406	2.2%

COVID-19 County Tracker

Testing per day per 100,000:

Data trended below correspond to the most recent 15 Mitigation and Management Task Force meetings.



COVID-19 County Tracker

Case Rate per 100,000:

Data trended below correspond to the most recent 15 Mitigation and Management Task Force meetings.

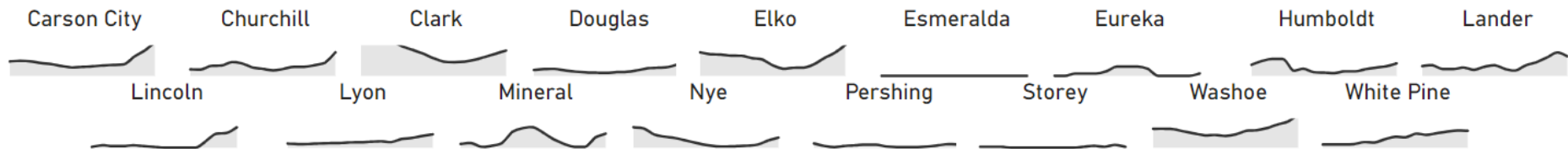
Testing per Day per 100,000

Cases per 100,000

Test Positivity Rate

Case Rate per 100,000: Threshold case rate > 200 per 100,000, measured over the previous 30 days

	7/30/2020	8/6/2020	8/13/2020	8/19/2020	8/26/2020	8/31/2020	9/7/2020	9/14/2020	9/21/2020	9/28/2020	10/5/2020	10/12/2020	10/19/2020	10/26/2020	11/2/2020
Carson City	320	331	322	283	260	218	184	198	210	230	242	253	424	555	745
Churchill	143	139	220	228	305	274	186	155	120	155	201	201	236	290	518
Clark	976	1,007	888	768	651	574	490	390	314	302	315	356	421	490	559
Douglas	129	149	153	121	93	76	70	64	83	89	123	167	179	197	264
Elko	518	478	471	446	444	393	362	233	158	178	182	256	396	513	682
Esmeralda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eureka	0	0	51	51	51	102	203	203	203	153	0	0	0	0	51
Humboldt	246	328	375	375	117	158	82	70	59	100	100	147	182	211	275
Lander	217	233	150	150	183	133	200	233	150	117	233	300	400	517	434
Lincoln	19	58	38	38	58	38	19	0	0	0	0	154	327	346	481
Lyon	97	86	88	100	107	110	126	128	140	152	133	205	231	276	316
Mineral	88	110	22	44	110	373	460	482	351	197	88	22	22	241	329
Nye	481	452	311	260	229	174	117	63	35	29	37	49	74	170	237
Pershing	101	43	14	43	57	72	72	29	14	14	14	29	57	86	72
Storey	22	22	22	0	0	0	0	0	0	0	22	45	22	67	22
Washoe	444	446	435	381	335	292	299	278	316	397	412	463	545	612	783
White Pine	76	76	76	85	132	123	198	255	246	331	302	340	378	406	397



COVID-19 County Tracker

Test Positivity Rate:

Data trended below correspond to the most recent 15 Mitigation and Management Task Force meetings.

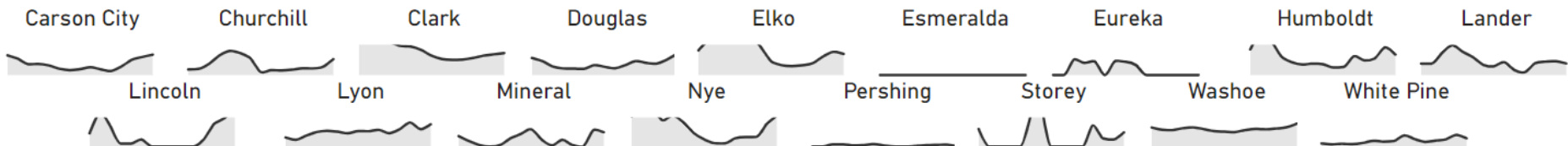
Testing per Day per 100,000

Case Rate per 100,000

Test Positivity Rate

Test Positivity Rate: Threshold > 8%, measured over a 14-day period with a 7-day lag

	7/30/2020	8/6/2020	8/13/2020	8/19/2020	8/26/2020	8/31/2020	9/7/2020	9/14/2020	9/21/2020	9/28/2020	10/5/2020	10/12/2020	10/19/2020	10/26/2020	11/2/2020
Carson City	8.8%	7.3%	4.8%	5.0%	4.3%	2.8%	2.2%	2.6%	3.5%	2.5%	1.8%	3.8%	6.8%	8.1%	9.1%
Churchill	2.5%	2.7%	4.9%	8.7%	10.7%	9.8%	7.5%	1.3%	2.2%	2.0%	2.4%	3.0%	3.0%	3.7%	7.1%
Clark	17.1%	16.1%	15.5%	14.6%	13.0%	12.6%	11.2%	8.6%	7.1%	6.7%	6.9%	7.6%	8.6%	9.2%	9.8%
Douglas	7.6%	6.2%	3.8%	3.0%	2.9%	2.8%	4.4%	3.7%	3.0%	4.4%	6.2%	5.5%	5.1%	6.9%	9.5%
Elko	11.0%	15.0%	15.1%	14.8%	16.8%	17.9%	12.6%	6.2%	4.4%	4.0%	4.4%	5.2%	8.2%	10.3%	9.4%
Esmeralda	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Eureka	0.0%	0.0%	6.9%	5.4%	6.1%	0.0%	6.3%	5.9%	4.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Humboldt	11.4%	19.0%	15.4%	8.2%	5.8%	4.7%	5.1%	4.8%	3.4%	3.6%	8.4%	6.5%	7.4%	12.3%	9.1%
Lander	5.1%	5.1%	9.7%	13.2%	10.4%	8.0%	4.6%	3.8%	5.7%	2.2%	1.3%	5.3%	6.0%	6.2%	5.2%
Lincoln	6.3%	16.0%	9.7%	1.4%	1.4%	3.3%	0.0%	0.0%	0.0%	0.0%	0.0%	3.3%	10.7%	13.4%	18.6%
Lyon	4.3%	3.2%	5.2%	6.9%	7.4%	7.1%	6.3%	7.4%	7.3%	7.9%	6.3%	8.2%	11.4%	8.2%	10.5%
Mineral	5.0%	2.7%	0.7%	0.0%	0.7%	3.9%	6.0%	8.2%	3.3%	0.6%	3.2%	0.7%	0.0%	7.8%	6.8%
Nye	14.3%	17.0%	17.2%	12.4%	14.7%	11.4%	6.4%	3.4%	1.6%	1.5%	4.0%	4.5%	4.6%	10.6%	14.6%
Pershing	0.0%	0.0%	1.0%	1.0%	0.5%	0.7%	1.2%	0.4%	0.0%	0.0%	0.3%	0.6%	0.8%	0.9%	0.2%
Storey	8.3%	0.0%	0.0%	0.0%	0.0%	14.3%	20.0%	0.0%	0.0%	0.0%	0.0%	10.0%	3.8%	3.3%	6.7%
Washoe	9.0%	8.0%	7.8%	8.7%	9.1%	8.3%	7.3%	7.0%	6.9%	7.8%	8.4%	8.2%	8.5%	9.1%	10.8%
White Pine	1.5%	1.1%	1.3%	1.2%	1.7%	2.7%	2.3%	2.7%	5.3%	3.5%	2.2%	2.8%	3.4%	5.5%	3.9%





Discussion